

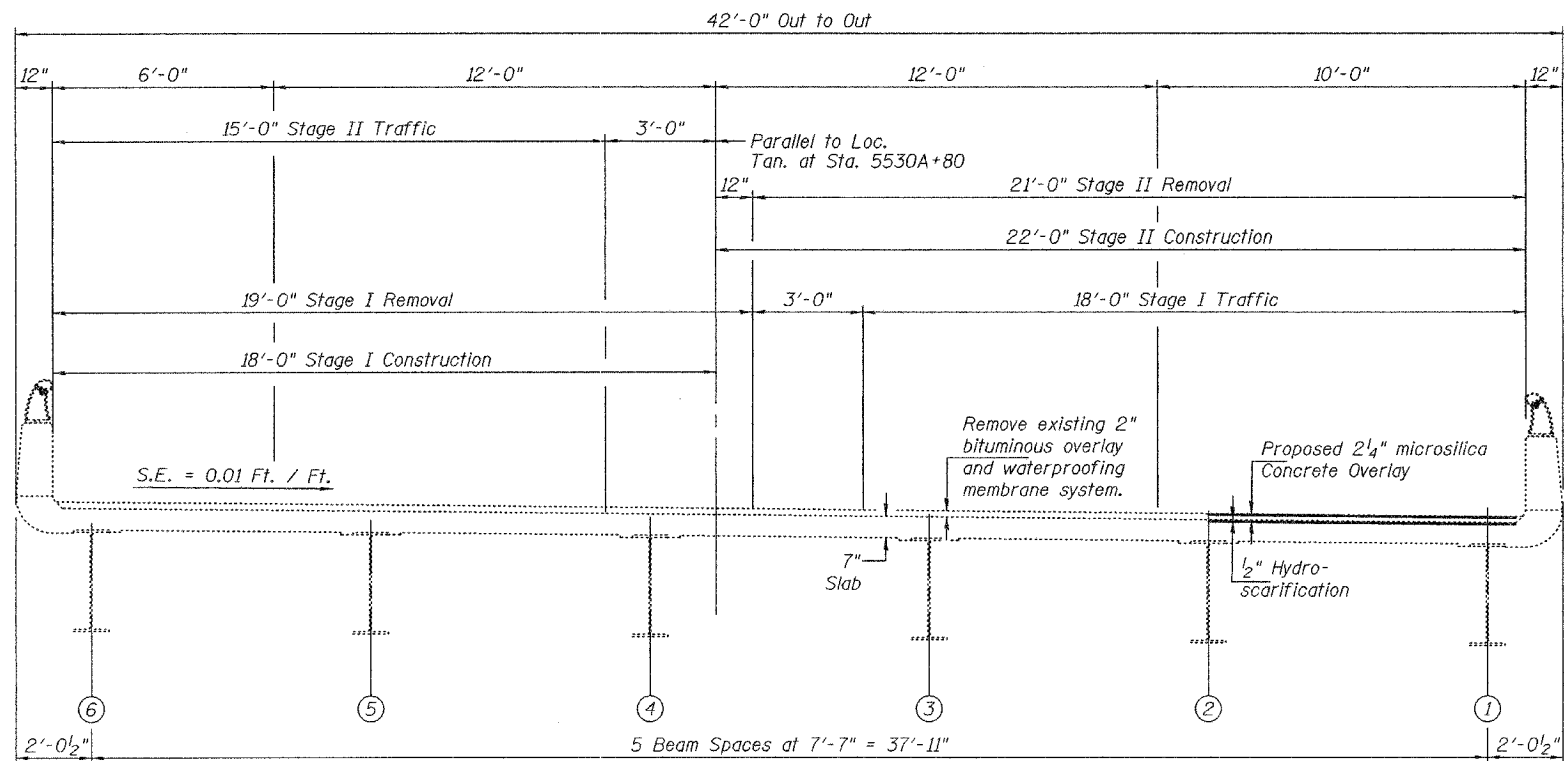
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		Effingham	17	8
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

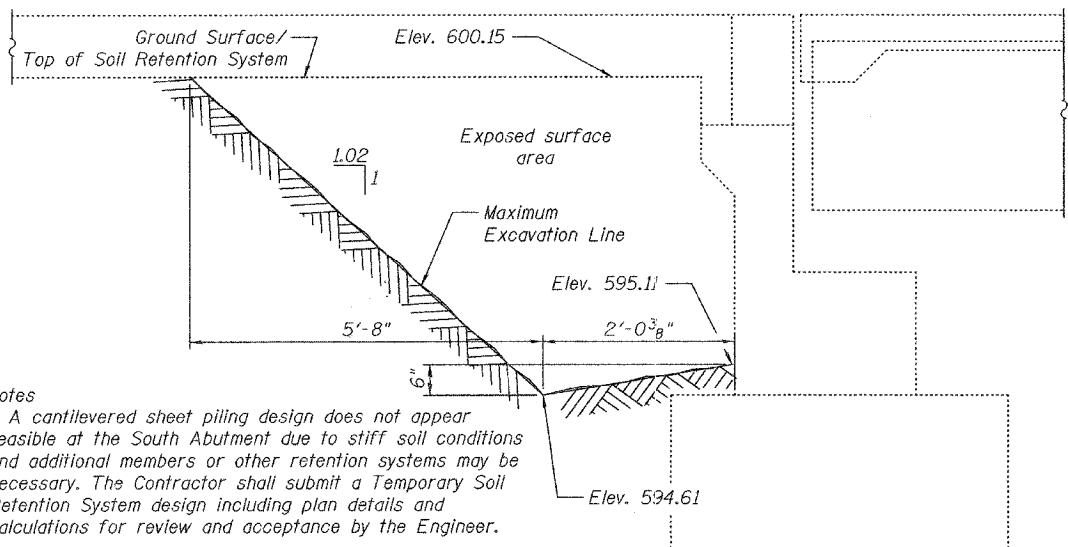
SHEET NO. 2

11 SHEETS

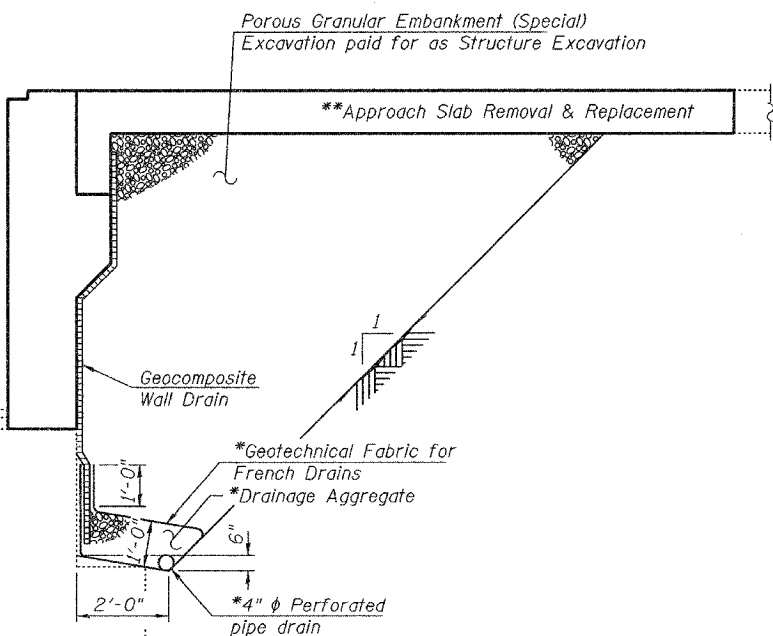
Contract Number: 74119



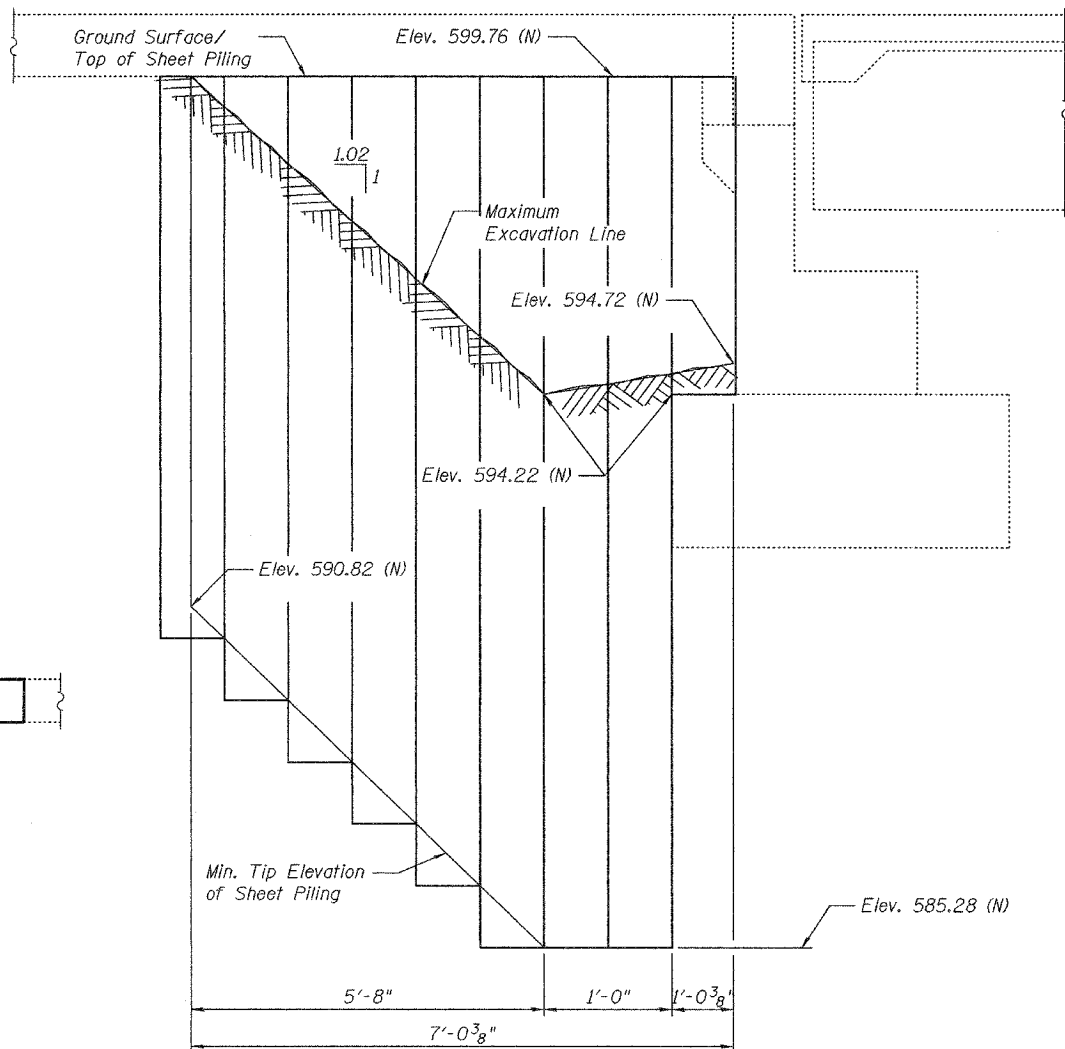
**CONSTRUCTION STAGING**  
(Looking South)



**TEMPORARY SOIL RETENTION SYSTEM AT SOUTH ABUTMENT**  
Slopes and distances shown along sheeting alignment



**SECTION THRU ABUTMENT**  
Dimensions are at Right Angles



**TEMPORARY SHEET PILING AT NORTH ABUTMENT**  
Slopes and dimensions shown along sheeting alignment.

\*Included in the cost of Pipe Underdrains for Structures.  
\*\*For details see Roadway Plans

All drainage system components shall extend 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101). Bore holes through wingwalls as required and seal gap around pipe. Cost Included with Pipe Underdrains for Structures.

Notes:  
A cantilevered sheet piling design does not appear feasible at the South Abutment due to stiff soil conditions and additional members or other retention systems may be necessary. The Contractor shall submit a Temporary Soil Retention System design including plan details and calculations for review and acceptance by the Engineer.

DESIGNED	A.T.H.
CHECKED	S.J.B.
DRAWN	Drew Christopher
CHECKED	A.T.H. S.J.B.

EXAMINED	March 6, 2006
John A. Morris	ENGINEER OF STRUCTURAL SERVICES
PASSED	Ralph E. Anderson
	ENGINEER OF BRIDGES AND STRUCTURES

**STAGING DETAILS**  
**F.A.I. RT. 57 SOUTH BOUND**  
**OVER GREEN CREEK**  
**EFFINGHAM COUNTY**  
**SN 025-0004**